P-0103
NAUTILUS
#1

SCHLUMBERGER

DUAL INDUCTION LATEROLOG

SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

COUNTY ____
FIELD or LOCATION ____
WELL ____
COMPANY ____

USGS

COMPANY **STANDARD - UNION**
TERMINATED P-0103
WELL NAUTILUS #1
FIELD OFFSHORE OREGON
COUNTY LINCOLN OREGON
LOCATION OCS-PO-103
Sec. ____ Twp. ____ Rge. ____
Other Services:

GEOLOGICAL SURVEY RECEIVED SEP LOS ANGELES

INSPATED SEP 14 1965 FACKLER

Permanent Datum: Sea Level, Elev. 0
Log Measured From D.F. 33 Ft. Above Perm. Datum
Drilling Measured From D.F.
Elev.: K.B. ____
D.F. 33'
G.L. ____

Date	5-30-65	7-21-65	7-30-65	
Run No.	1	2	3	
Depth—Driller	3260	11,983	12,627	
Depth—Logger	3262	11,570	12,619	
Btm. Log Interval	3258	11,566	12,616	
Top Log Interval	1424	3238	9800	
Casing—Driller	13⅜ @ 1414	10¾ @ 3235	10¾ @ 3235	@
Casing—Logger	1424	3238		
Bit Size	12¼	9⅝	9⅝"	
Type Fluid in Hole	Fresh	Fresh	Fresh	
Dens. | Visc.	78 | 51	79 | 85	80 | 61	|
pH | Fluid Loss	9 | 7.8 ml	9.5 | 5 ml	9.0 | 4.2 ml	| ml
Source of Sample	Flowline	Flowline	Flowline	
R_m @ Meas. Temp.	1.79 @ 62 °F	1.36 @ 84 °F	0.91 @ 85 °F	@ °F
R_{mf} @ Meas. Temp.	.75 @ 112 °F	0.50 @ 158 °F	0.30 @ 171 °F	@ °F
R_{mc} @ Meas. Temp.	1.35 @ 112 °F	0.98 @ 158 °F	0.80 @ 171 °F	@ °F
Source: R_{mf} | R_{mc}	C | C	C | C	C | C	|
R_m @ BHT	.99 @ 112 °F	0.72 @ 158 °F	0.46 @ 171 °F	@ °F
Time Since Circ.	2 hrs	5½ hrs	10 hrs	
Max. Rec. Temp.	112 °F	158 °F	171 °F	°F
Equip. | Location	C 103 | SAC	OSUC | SAC	OSUC-106 | SAC	|
Recorded By	Andersen	Collins	Collins	
Witnessed By	Johnson	Johnson	Helmuth	

GEOLOGICAL SURVEY RECEIVED 1965 LOS ANGELES

SOLANAS

NOTED SEP 14 1965 CYPHER

SWSC 902-B

FOLD HERE

REMARKS ____

Changes in Mud Type or Additional Samples				
Date | Sample No.				
Depth—Driller				
Type Fluid in Hole				
Dens. | Visc.				
ph | Fluid Loss		ml		
Source of Sample				
R_m @ Meas. Temp.	@	°F	@	°F
R_{mf} @ Meas. Temp.	@	°F	@	°F
R_{mc} @ Meas. Temp.	@	°F	@	°F
Source: R_{mf} | R_{mc}				
R_m @ BHT	@	°F	@	°F
R_{mf} @ BHT	@	°F	@	°F
R_{mc} @ BHT	@	°F	@	°F

Scale Changes

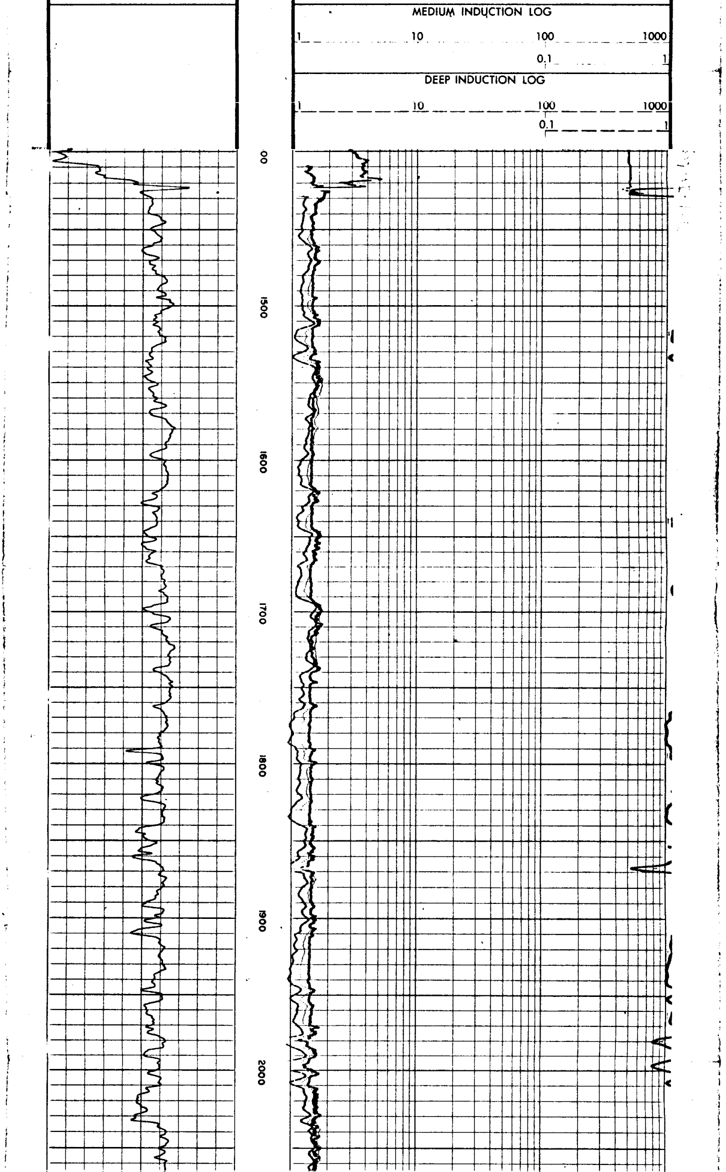
Type Log	Depth	Scale Up Hole	Scale Down Hole
DIL	3240	0-10-100-1000	0.3-30-300-3000

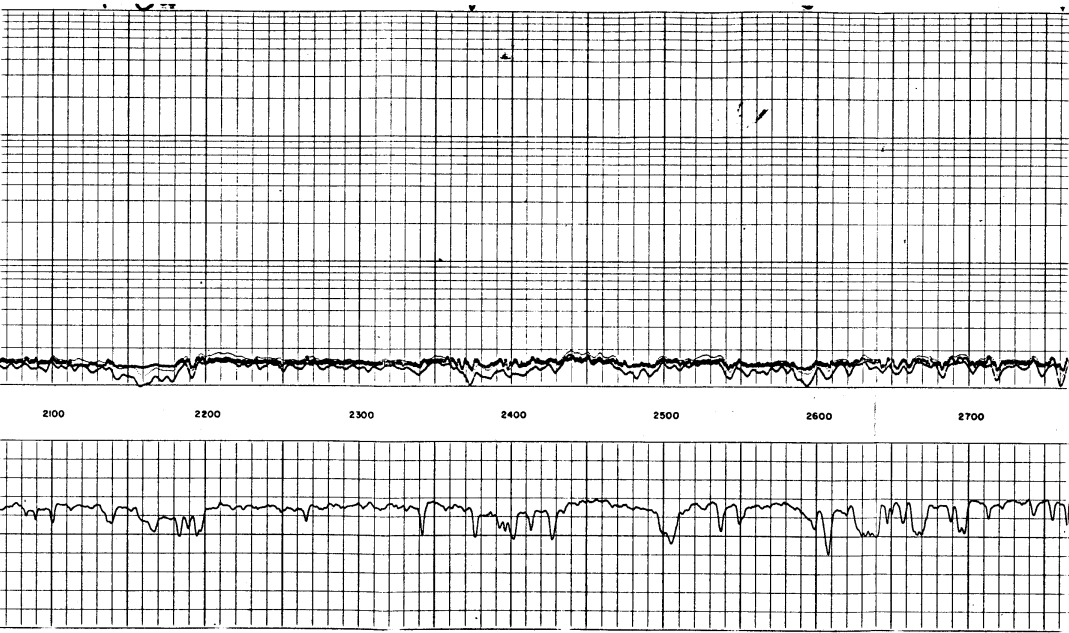
Equipment Data

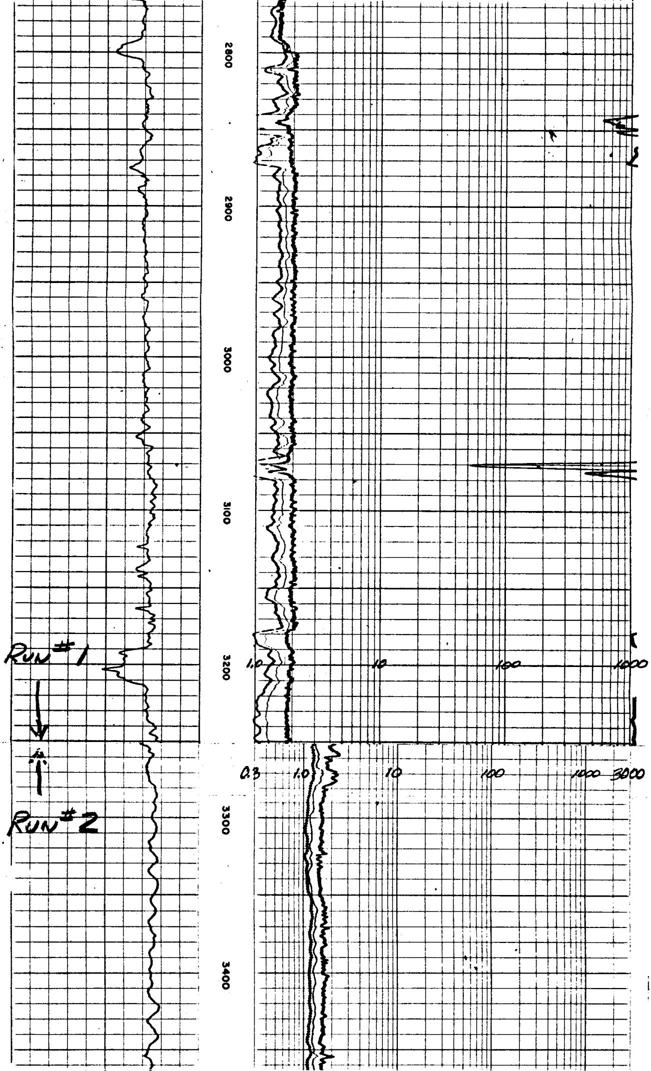
Run No.	Tool Type	Tool Position	Other
1	DIL	Standoff	
3	DIL	Standoff	

	Run #1	Run #2	Run #3
C.D.: S.O.:	1½	1½	1½
Equip. Used CART. No.		A54	
Panel No.	DIPA31	A31	
SONDE No.		A-71	
		IAP-D-197 SBR=1	

SPONTANEOUS-POTENTIAL 100 millivolts		RESISTIVITY ohms. m²/m
- 10 +		LATEROLOG – 8 1 10 100 1000 1000 10000

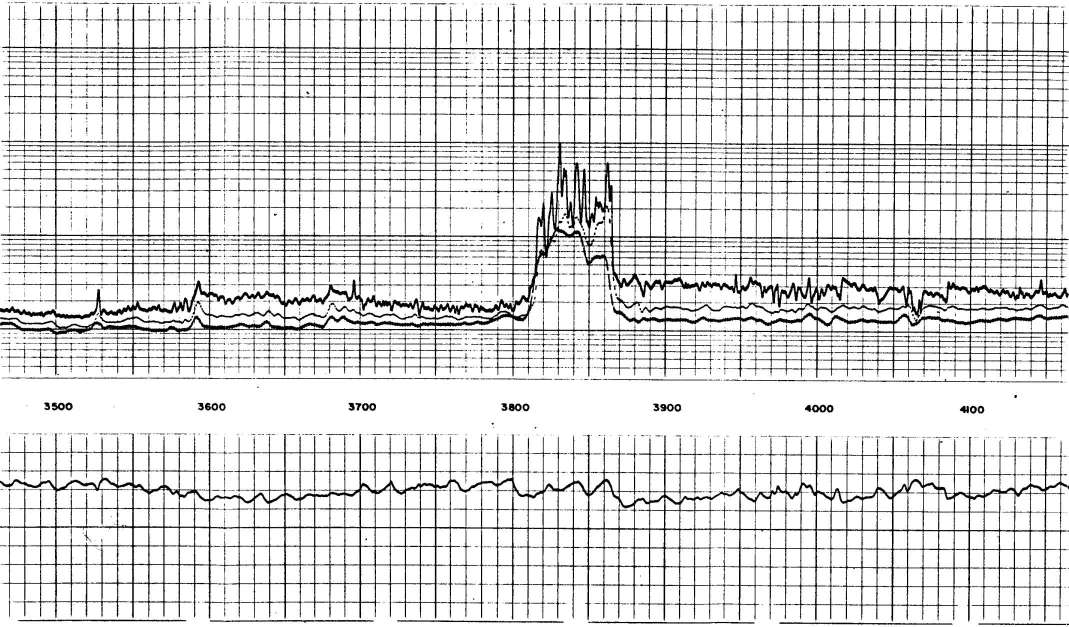


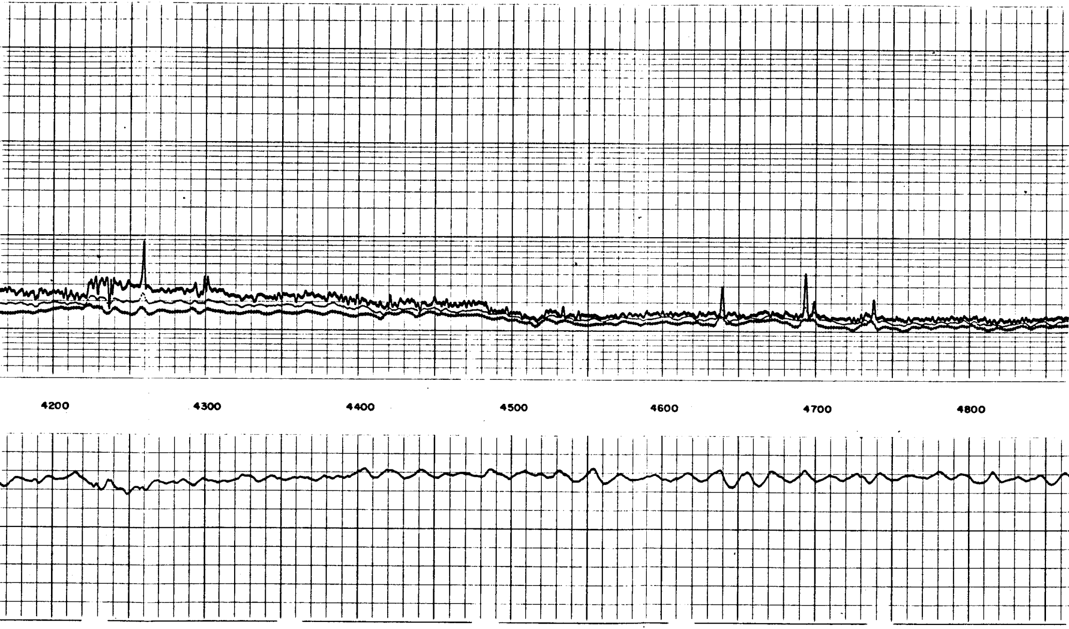


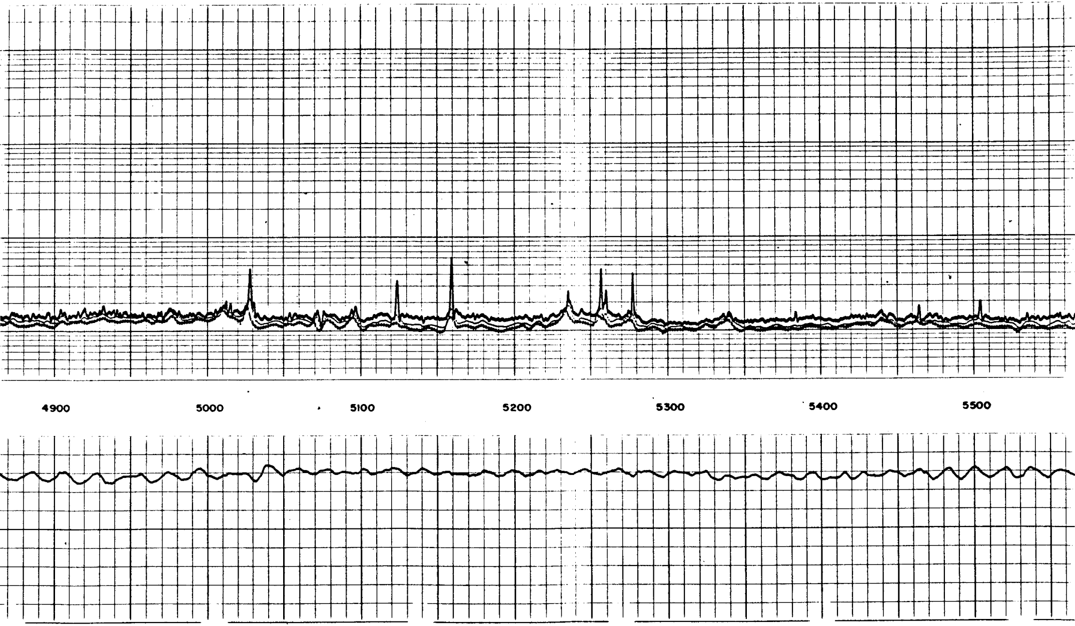


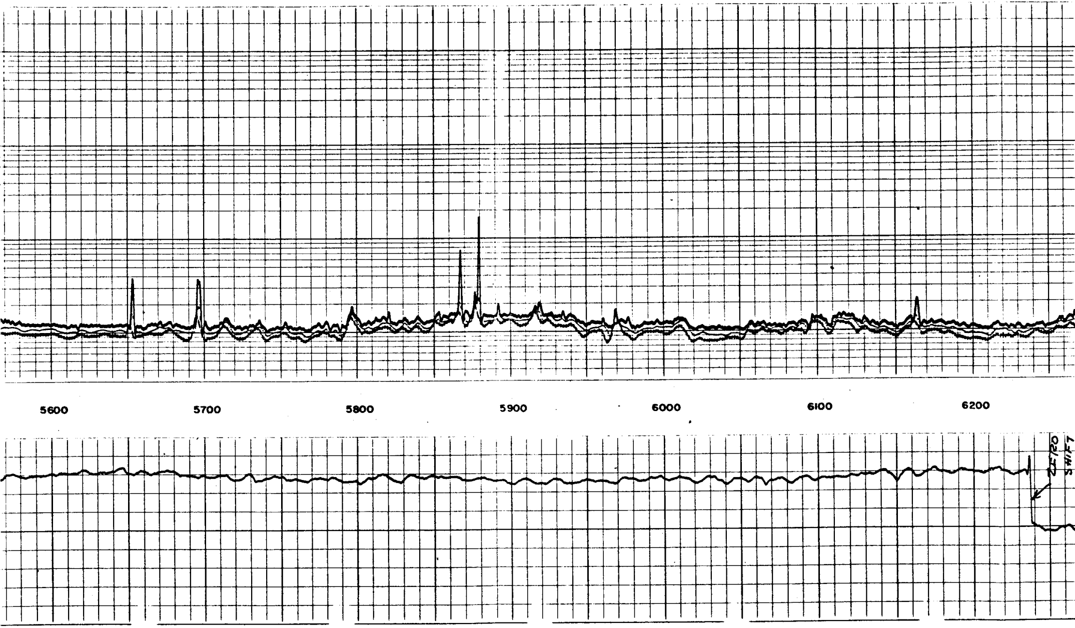
RUN #1

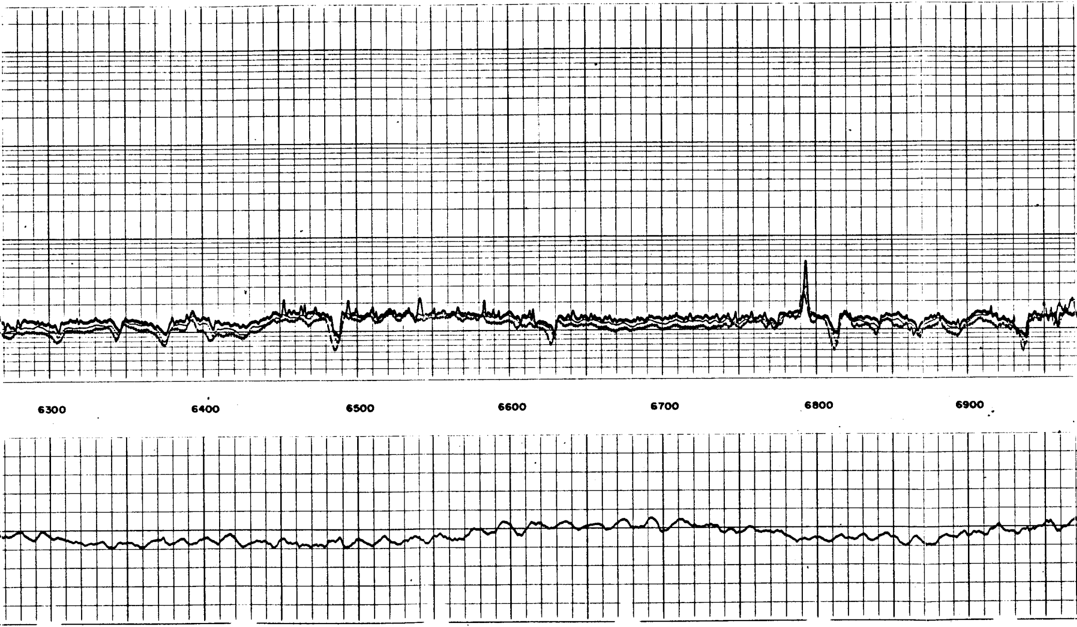
RUN #2

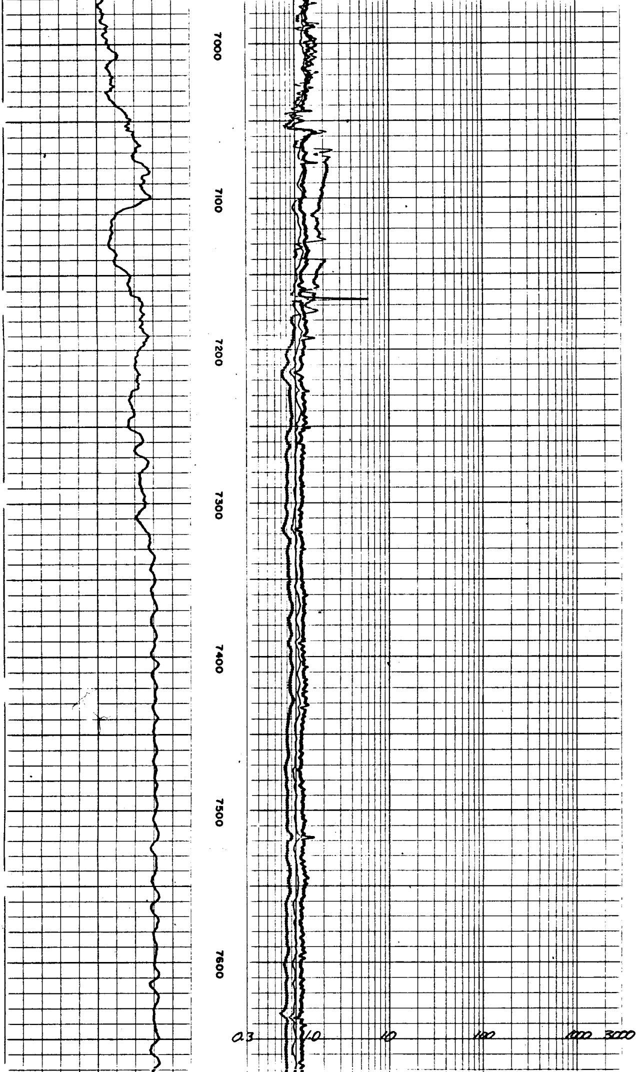


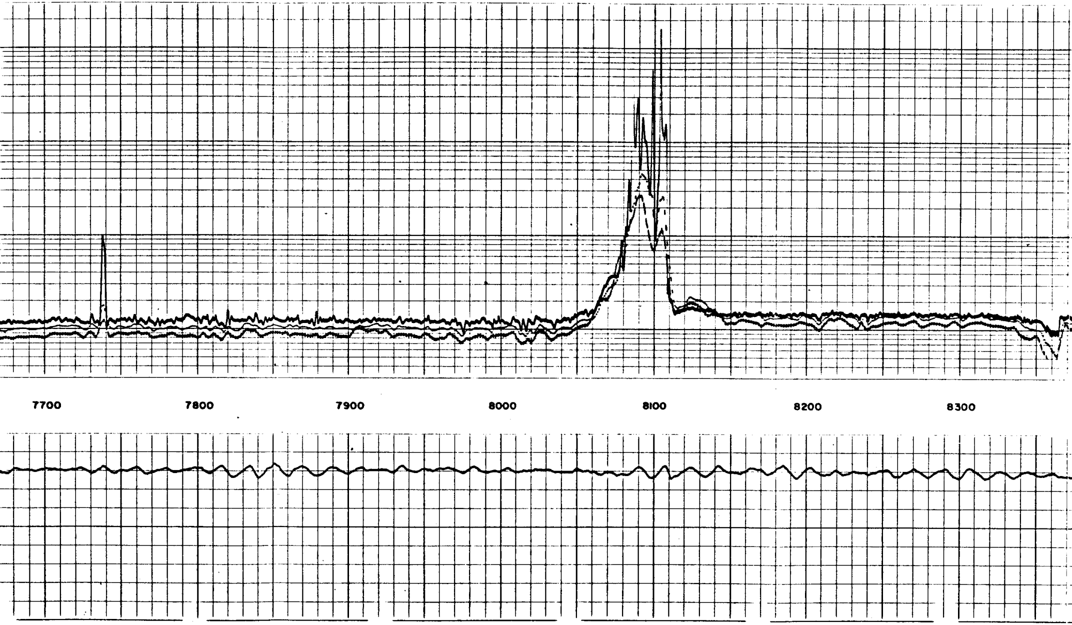


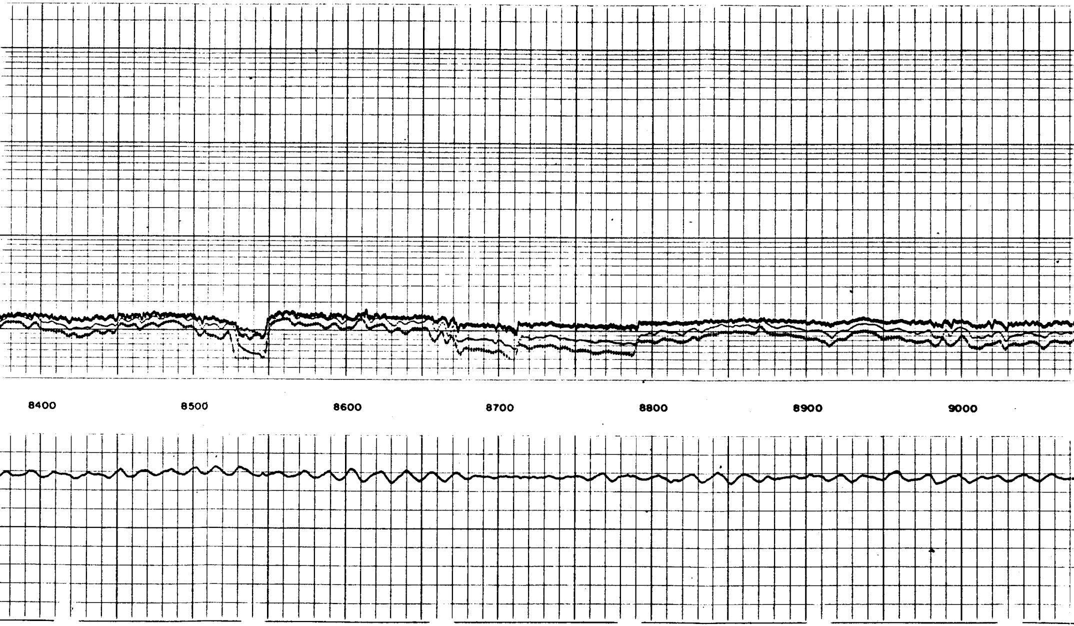


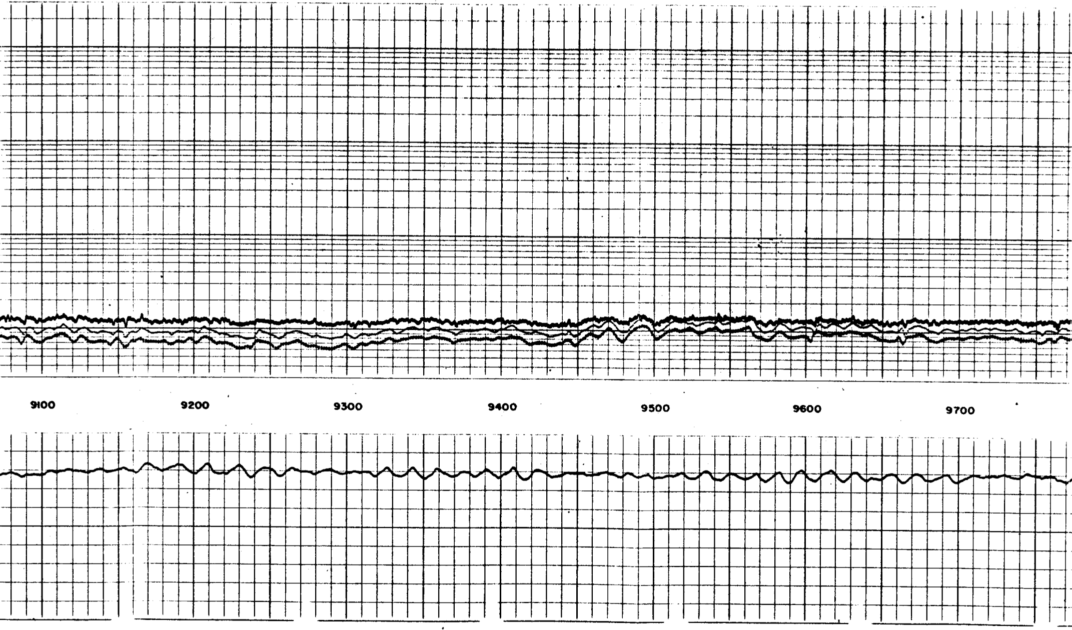


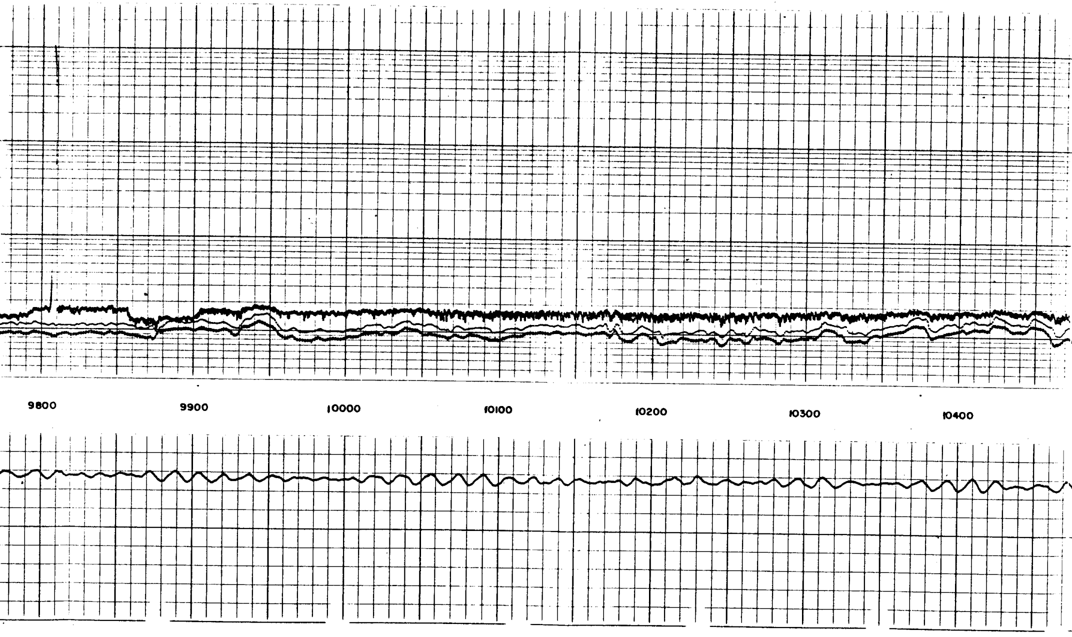


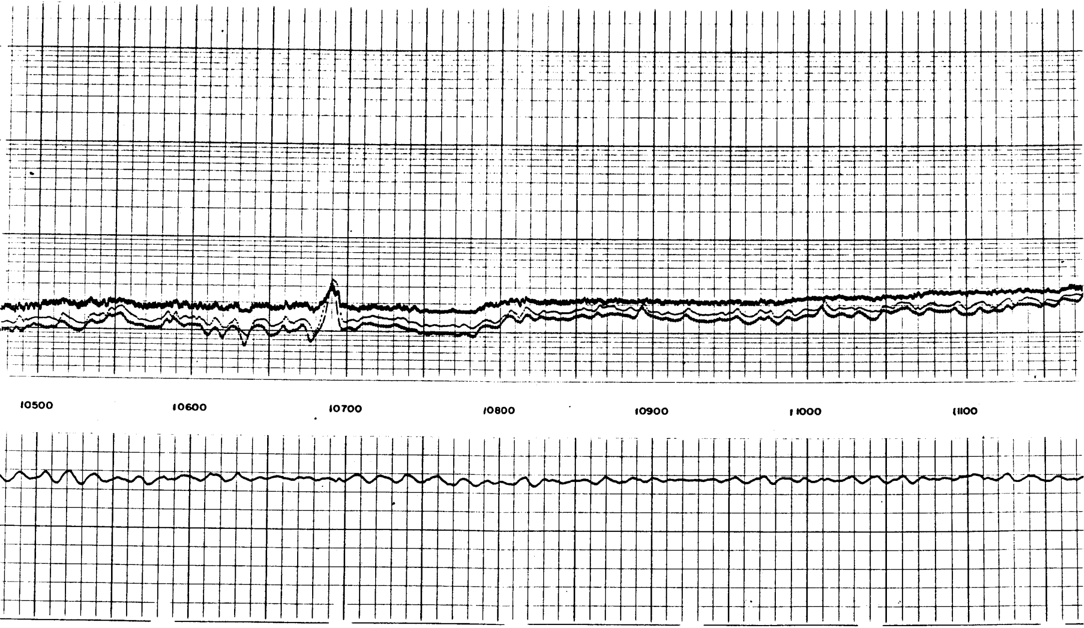


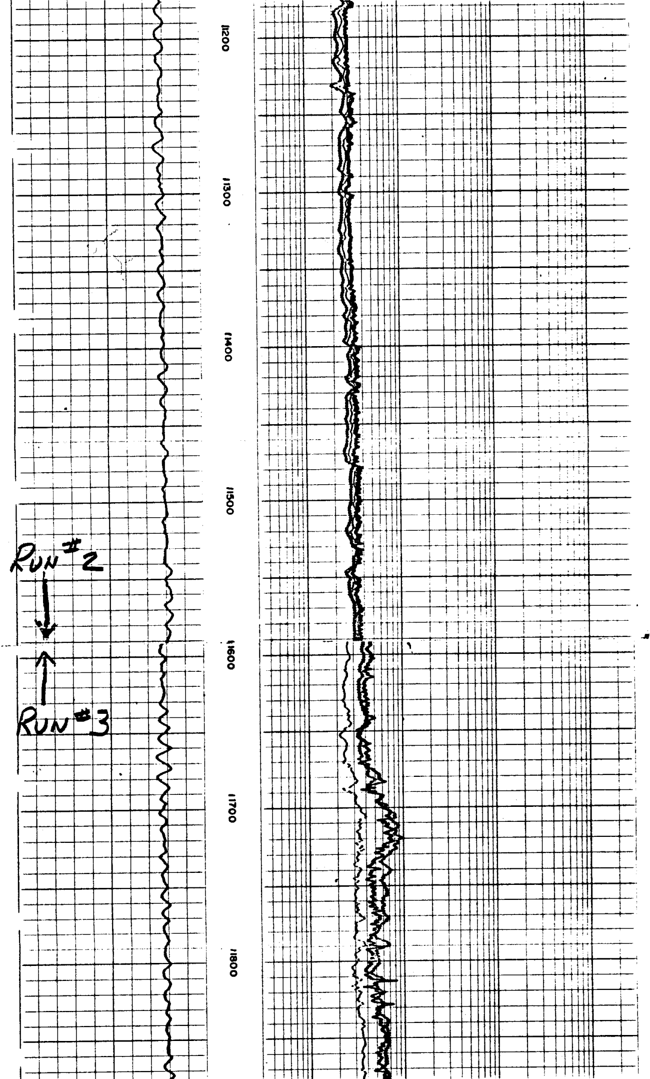






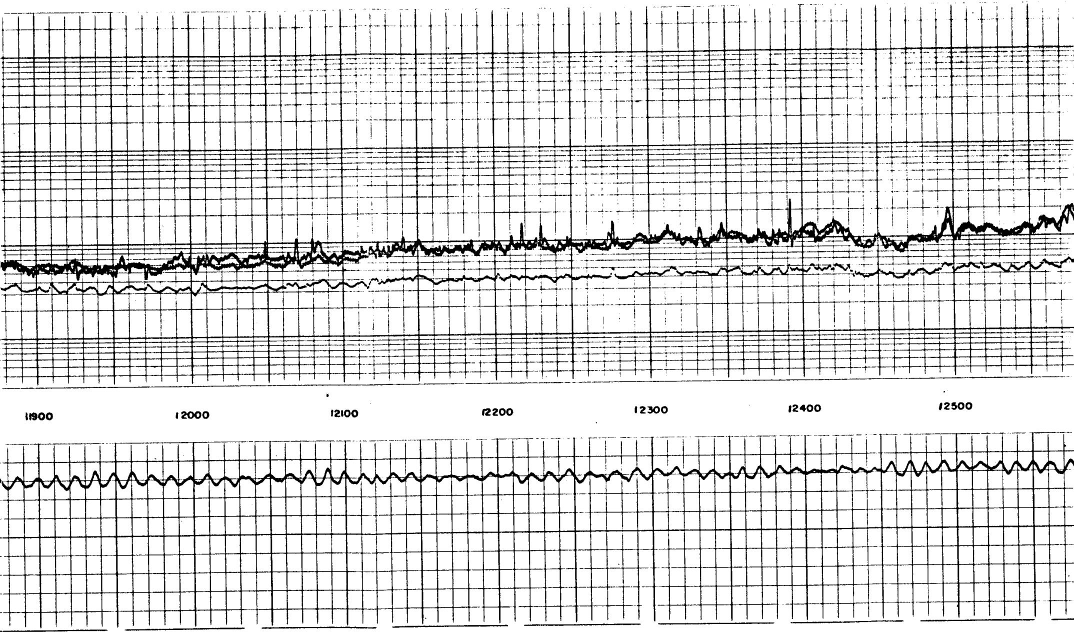


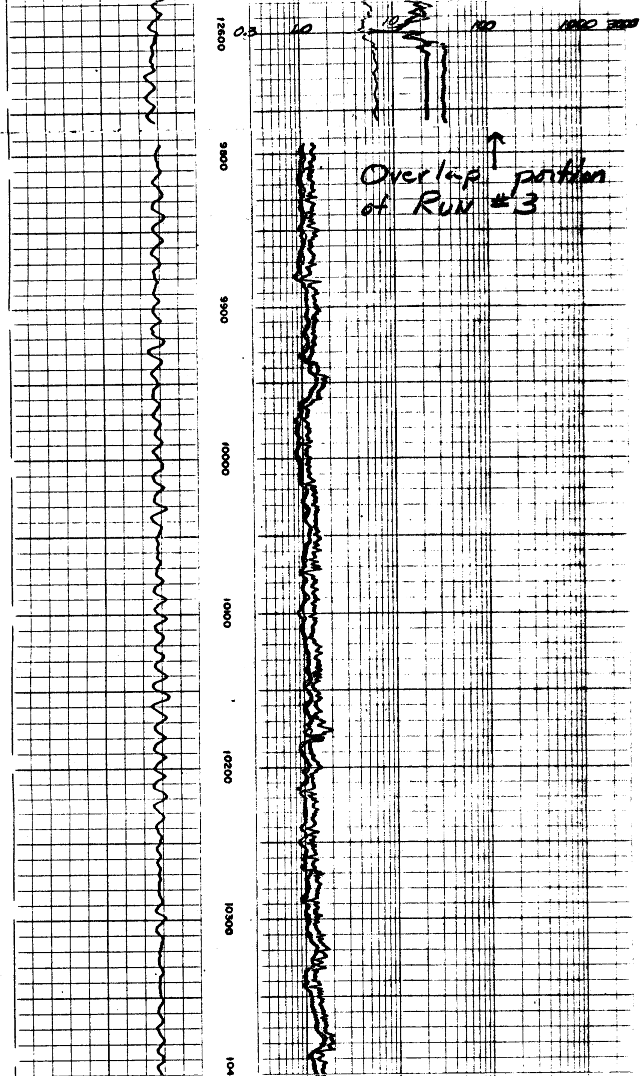


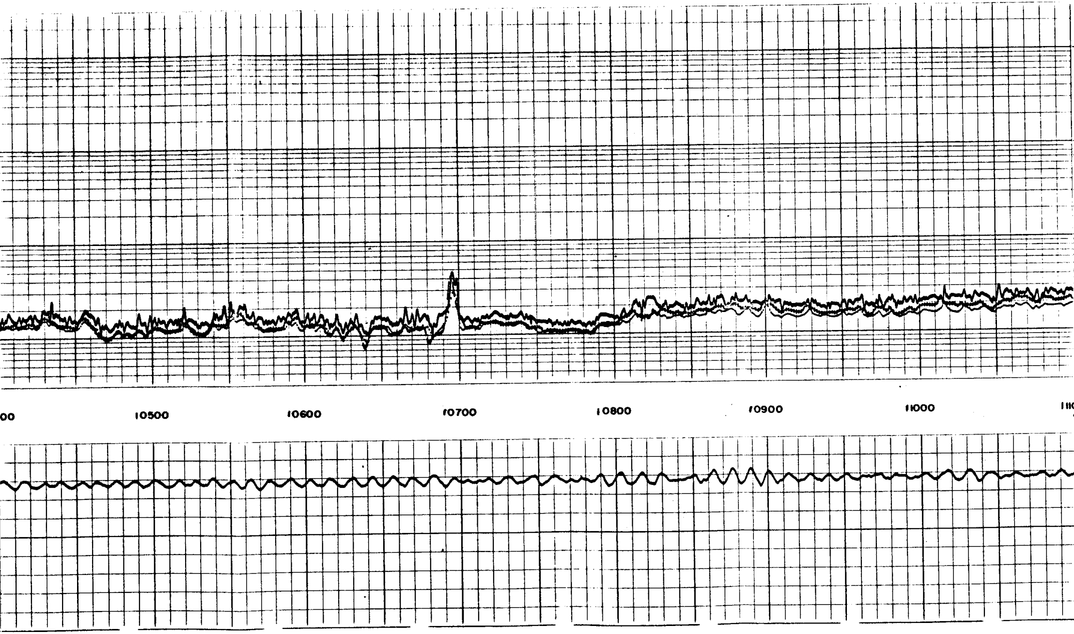
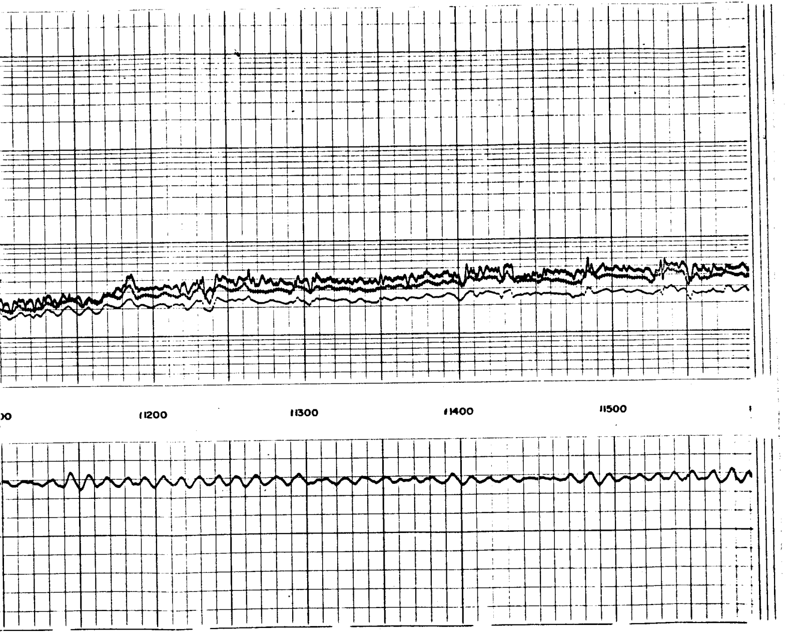


RUN #2

RUN #3





Overlap portion of RUN #3